

ENABLING MULTI-CLOUD SCALABILITY: QUAGO TEAMS UP WITH COMMIT AND GOOGLE CLOUD.



ABOUT QUAGO

Quago helps leading gaming companies detect cheating, stop UA fraud, and protect player integrity at scale. Its lightweight SDK captures real-time behavioral signals to power high-precision detection and smarter live-ops decisions. Leading studios rely on Quago to reduce fraud, boost trust, and grow with confidence.

CHALLENGES

As Quago's production workloads scaled, the company faced rapidly increasing infrastructure costs and the complexity of managing large-scale environments. Cost optimization became a strategic priority, but the prospect of migrating critical workloads introduced considerable risk.

Key challenges included:

- Applications built for another cloud provider were heavily dependent on its APIs, which could not run properly on Google Cloud without substantial modifications.
- The company needed to maintain live production systems while redesigning components for a new environment.
- Concerns over resource allocation and engineering bandwidth made the migration to Google Cloud particularly demanding.
- Securing large-scale data flows from mobile devices required strong guardrails to prevent unauthorized access.

Quago needed a trusted partner who could deliver a smooth, efficient, and low-risk path to a multi-cloud environment.

SOLUTION

Commit partnered with Quago to expand its cloud footprint and lay the foundation for a resilient multi-cloud architecture. While some workloads were migrated with a Lift & Shift approach to maintain business continuity, others required significant adaptation. Applications previously tied to another cloud provider's APIs were refactored to function seamlessly in Google Cloud, ensuring production systems remained stable throughout the process.

The infrastructure was rebuilt using Terraform, enabling full adoption of Infrastructure as Code and eliminating reliance on manual processes. At the product level, Commit re-architected Quago's large-scale data pipeline, which collects real-time metrics from its SDK embedded in mobile games. Leveraging Google Cloud Storage, Pub/Sub, and Google Kubernetes Engine (GKE), the new environment now supports robust streaming data analytics, with carefully designed storage and delivery flows across multiple stages of processing.

Security and efficiency were central to the solution. Commit established Google Cloud Organization structures and strict access controls, ensuring that only approved applications could access sensitive data. At the same time, Quago's CI/CD pipeline was adapted and optimized for Google Cloud, improving release flows and strengthening overall operational reliability.

RESULTS

By diversifying its infrastructure, Quago achieved significant results:

- **Multi-Cloud Readiness:** The migration positioned Quago as a multi-cloud company, strengthening resilience and flexibility for future needs.
- **Cost Optimization:** Distributing workloads across multiple clouds created a more efficient and balanced infrastructure that significantly reduced operational costs.
- **Migration & Modernization:** Critical workloads were migrated and modernized on Google Cloud, with applications refactored, and the data pipeline re-architected to support streaming analytics.
- **Operational Efficiency:** Full adoption of Terraform and IaC in Google Cloud streamlined deployments, increased automation, and reduced risks associated with manual processes.
- **Seamless Execution:** The project was completed on time and with uncompromising professionalism, building strong trust and paving the way for future collaboration.



Commit gave us the confidence to let them lead a complex, high-scale project end-to-end. Their reliability and ownership allowed Quago to stay focused on delivery and AI research while Commit handled the heavy lifting on GCP
Ran Arieli, CTO & Co-Founder, Quago

TALK TO A GOOGLE CLOUD EXPERT 